L Number	Hits	Search Text	DB	Time stamp
1	330	(pcb substrate (printed adj circuit adj	USPAT;	2003/05/16 14:10
		board)) and (thermal adj vias)	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
2	505	1 11	USPAT;	2003/05/16 14:10
		board)) and (thermal adj (pad vias))	US-PGPUB;	
			EPO; JPO;	
			DERWENT	0000/05/15 14 11
3	181		USPAT;	2003/05/16 14:11
		board)) and (thermal adj (pad vias))) and	US-PGPUB;	
		(semiconductor near1 (package packaging	EPO; JPO; DERWENT	
	220	device))	USPAT;	2003/05/16 14:12
4	238	((pcb substrate (printed adj circuit adj board)) and (thermal adj (pad vias))) and	US-PGPUB;	2003/03/10 14.12
		(semiconductor chip IC) and (heat adj	EPO; JPO;	
		sink)	DERWENT	
5	181		USPAT;	2003/05/16 14:13
] "	101	board)) and (thermal adj (pad vias))) and	US-PGPUB;	2000, 00, 20 21120
		(semiconductor nearl (package packaging	EPO; JPO;	
		device))) and (semiconductor chip IC)	DERWENT	
6	102		USPAT;	2003/05/16 14:13
		board)) and (thermal adj (pad vias))) and	US-PGPUB;	
		(semiconductor nearl (package packaging	EPO; JPO;	
		device))) and (sealing encapsulating	DERWENT	
		encapsulant encapsulated)		
7	1	5942795.URPN.	USPAT	2003/05/16 14:32
8	6	, , , , , , , , , , , , , , , , , , , ,	USPAT	2003/05/16 14:33
		"5777387" "5789810" "5854512").PN.		

L Number	Hits	Search Text	DB	Time stamp
85	51	"5835988"	USPAT;	2003/05/16 15:20
ļ			US-PGPUB;	
]	,		EPO; JPO;	1
			DERWENT	
86	28	"5986209"	USPAT;	2003/05/16 15:20
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	0000/05/15 15 00
87	41	"5554886"	USPAT;	2003/05/16 15:20
ļ			US-PGPUB;	
			EPO; JPO;	
i		H CO O O 1 CT H	DERWENT	2003/05/16 15:20
88	15	"6002167"	USPAT; US-PGPUB;	2003/03/16 15:20
			EPO; JPO;	
			DERWENT	
	26	"5760471"	USPAT;	2003/05/16 15:22
89	20	3760471	US-PGPUB;	2003/03/10 13:22
	ı		EPO; JPO;	
			DERWENT	
90	124	"5835988" "5986209" "5554886" "6002167"	USPAT;	2003/05/16 15:22
1 90	1 124	"5760471"	US-PGPUB;	2000,00,10 10:22
		5700471	EPO; JPO;	
			DERWENT	
91	1	6404046.URPN.	USPAT	2003/05/16 15:33
92	41	("3838984" "4159221" "4398235"	USPAT	2003/05/16 15:33
	1-	"4833568" "4956694" "4996587"		
		"5068713" "5230759" "5258094"		
		"5266834" "5332864" "5381039"		
		"5381047" "5394010" "5414300"		
		"5435057" "5455387" "5521429"		
		"5587341" "5594275" "5625221"		
		"5677569" "5715147" "5742007" .		
		"5760471" "5835988" "5852320"		
		"5859471" "5877043" "5880403"		
		"5950074" "5962810" "5977613"		ĺ
		"5986209" "6114221" "6130115"		
		"6143981" "6225146" "6242281"		
		"6281568" "6404046").PN.		0000/04/00 07:10
-	30061	((folded near1 flexible near1 substrate)	USPAT;	2002/04/08 07:18
		((flexible ner1 tape) near3 around))	US-PGPUB;	
			EPO; JPO;	
		(((C))) 1 (C) ((C))	DERWENT	2002/02/25 07:07
-	15	(((folded near1 flexible near1 substrate)	USPAT;	2002/02/23 07:07
		((flexible near1 tape) near3 around))) and	US-PGPUB;	
		(bump ball)	EPO; JPO; DERWENT	
	128	(((folded nearl flexible nearl substrate)	USPAT;	2002/02/25 07:10
_	120	((flexible near1 tape) near3 around))) not	US-PGPUB;	
		((((folded near1 flexible near1 substrate)	EPO; JPO;	
		((flexible near1 tape) near3 around))) and	DERWENT	
	1	(bump ball))		
_	35	1	USPAT;	2002/02/25 07:13
		((flexible near1 tape) near3 around))) and	US-PGPUB;	
		chips	EPO; JPO;	
			DERWENT	
_	41	(((folded nearl flexible nearl substrate)	USPAT;	2002/08/09 13:15
		((flexible near1 tape) near3 around))) and	US-PGPUB;	
		(chips die (integrated adj circuit))	EPO; JPO;	
			DERWENT	
-	144		USPAT;	2002/03/22 10:01
		((flexible near1 tape) near3 around))	US-PGPUB;	
1			EPO; JPO;	
			DERWENT	
-	3	"6246114"	USPAT;	2002/03/22 10:12
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT	

				0000100100100
-	19	"5818107"	USPAT;	2002/03/22 10:14
			US-PGPUB; EPO; JPO;	ļ
			DERWENT	i
	33	"5394303"	USPAT;	2002/03/22 10:17
-	33	3334303	US-PGPUB;	2002/03/22 10.17
			EPO; JPO;	
1			DERWENT	
_	30	FUKAZAWA-NORIO	USPAT;	2002/03/22 10:30
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
_	8	KAWAHARA-KOICHI	USPAT;	2002/03/22 10:30
			US-PGPUB;	
			EPO; JPO;	
		WC004000W WC010107W WC04C114W	DERWENT	2002/03/22 10:58
-	48	"5394303" "5818107" "6246114" ((folded nearl flexible nearl substrate)	USPAT	2002/03/22 10:36
-	145	((flexible near1 tape) near3 around))	USPAT; US-PGPUB;	2002/08/09 13.11
		((flexible hear) tape; hears around;)	EPO; JPO;	
			DERWENT	
1_	12	(((folded nearl flexible nearl substrate)	USPAT;	2002/08/09 13:14
	12	((flexible near1 tape) near3 around))) and	US-PGPUB;	
		(bump ball) and (rigid reinforc\$4)	EPO; JPO;	
			DERWENT	
_	15	(((folded nearl flexible nearl substrate)	USPAT;	2002/04/08 07:24
Ĭ		((flexible near1 tape) near3 around))) and	US-PGPUB;	
	1	(bump ball)	EPO; JPO;	
			DERWENT	
-	3	((((folded near1 flexible near1 substrate)	USPAT;	2002/04/08 07:24
		((flexible near1 tape) near3 around))) and	US-PGPUB;	
		(bump ball)) not ((((folded near1 flexible	EPO; JPO; DERWENT	
		near1 substrate) ((flexible near1 tape)	DERWENT	
		near3 around))) and (bump ball) and (rigid reinforc\$4))		
	88	(((folded near1 flexible near1 substrate)	USPAT;	2002/04/08 07:25
_		((flexible near1 tape) near3 around))) and	US-PGPUB;	2002, 01, 00 0, 120
		(chip device die)	EPO; JPO;	
			DERWENT	
_	41	((((folded near1 flexible near1 substrate)	USPAT;	2002/04/08 07:26
		((flexible near1 tape) near3 around))) and	US-PGPUB;	
		(chip device die)) and (polyimide	EPO; JPO;	
		polymeric polymer rubber)	DERWENT	0000/04/00 07 06
-	31	(((((folded nearl flexible nearl	USPAT;	2002/04/08 07:26
		substrate) ((flexible near1 tape) near3	US-PGPUB;	
		around))) and (chip device die)) and (polyimide polymeric polymer rubber)) not	EPO; JPO; DERWENT	
]	(((((folded near1 flexible near1 substrate)	DEKWENT	
		((flexible near1 tape) near3 around))) and		
	}	(bump ball))		
_	23	(folded near1 flexible near1 substrate)	USPAT;	2002/04/08 07:27
			US-PGPUB;	
1			EPO; JPO;	
			DERWENT	0000/6:/00 == ::
-	18	((folded near1 flexible near1 substrate))	USPAT;	2002/04/08 07:28
		not ((((folded nearl flexible nearl	US-PGPUB;	
		substrate) ((flexible near1 tape) near3	EPO; JPO;	:
	E001	around))) and (bump ball)) folded near1 substrate) (flexible near1	DERWENT USPAT;	2002/08/09 13:12
1-	5921	tape	US-PGPUB;	2002,00,00 13.12
1		cape	EPO; JPO;	
			DERWENT	
-	398	(folded near1 substrate) (flexible near1	USPAT;	2002/08/09 13:14
		tape) and (bump ball) and (rigid	US-PGPUB;	
		reinforc\$4)	EPO; JPO;	
1			DERWENT	
-	240		USPAT;	2002/08/09 13:21
		tape) and (bump ball) and (rigid	US-PGPUB;	
		reinforc\$4)) and (chip die (integrated adj	EPO; JPO;	
		circuit) (semiconductor adj element))	DERWENT	

-	75	(((folded nearl substrate) (flexible nearl tape) and (bump ball) and (rigid reinforc\$4)) and (chip die (integrated adj circuit) (semiconductor adj element))) and (second near3 (chip die (integrated adj	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/09 13:30
_	17	circuit) (semiconductor adj element))) "5805422"	USPAT; US-PGPUB; EPO; JPO;	2003/03/10 08:36
 - -	15 6	("3427715" "4922059" "5148265"	DERWENT USPAT USPAT	2003/03/10 08:39 2003/03/10 08:39
-	7 5	"5148266" "5229916" "5394303").PN. 6225688.URPN. ("4982265" "5046238" "5334875" "5646446" "5776797").PN.	USPAT USPAT	2003/03/18 12:42 2003/03/18 12:45
-	12 5	1	USPAT USPAT	2003/03/18 12:45 2003/03/18 14:09
-	57 41305		USPAT USPAT; US-PGPUB; EPO; JPO;	2003/03/18 14:09 2003/03/18 14:37
-	35232	(semiconductor and (stacking stacked)) and (method process)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/18 14:38
-	215	((semiconductor and (stacking stacked)) and (method process)) and ((plexible nearl (tape substrate)) (bonding near tape))	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/18 14:42
_	63	<pre>(((semiconductor and (stacking stacked)) and (method process)) and ((plexible near1 (tape substrate)) (bonding near tape)))</pre>	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/18 14:40
-	23	<pre>and (bending bended) ((plexible near1 (tape substrate)) (bonding near tape)) with (bending bended)</pre>	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/18 14:41
-	2	<pre>(((semiconductor and (stacking stacked)) and (method process)) and ((plexible near1 (tape substrate)) (bonding near tape))) and (((plexible near1 (tape substrate)) (bonding near tape)) with (bending bended))</pre>	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 14:41
-	248	((semiconductor and (stacking stacked)) and (method process)) and (((plexible folded folding) nearl (tape substrate))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 14:43
-	16	(bonding near tape)) (US-5805422-\$ or US-5394303-\$ or US-6225688-\$ or US-5776797-\$ or US-5646446-\$ or US-6246114-\$ or US-5818107-\$ or US-6528353-\$ or US-6473308-\$ or US-6462412-\$ or US-6441476-\$ or US-6300679-\$ or US-6262895-\$ or US-6121676-\$).did. or (US-20010006252-\$).did. or (JP-08222691-\$).did.	USPAT; US-PGPUB; JPO	2003/03/18 14:43
-	244	(((semiconductor and (stacking stacked)) and (method process)) and (((plexible folded folding) near1 (tape substrate)) (bonding near tape))) not ((US-5805422-\$ or US-5394303-\$ or US-6225688-\$ or US-5776797-\$ or US-5646446-\$ or US-6246114-\$ or US-5818107-\$ or US-6528353-\$ or US-6473308-\$ or US-6462412-\$ or US-6441476-\$ or US-6300679-\$ or US-6262895-\$ or US-6121676-\$).did. or (US-20010006252-\$).did. or (JP-08222691-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/18 14:43

- 0 6449321.URPN. USPAT 2003/03/18 14:49 - 0 6444921.URPN. USPAT 2003/03/18 14:49 - 0 6444921.URPN. USPAT 2003/03/18 14:49 - 0 6449321." "4663039" "4755417"		,		1	
- 0 6444921_URPN. USPAT 2003/03/18 14:55 44 ("3795037" "4271588" "4547834" USPAT 2003/03/18 14:55 478783722" "460461" "4858077" "4958078" "4578042" "5199163" "510492" "517594" "5199163" "524065" "53056571" "5378306" "5378306" "5378306" "5378306" "5428078" "5428079" "5428078" "5428078" "5428078" "5428078" "5428078" "5428078" "5428078" "5428078" "5428078" "5428078" "5428078" "5428078" "5428078" "5428078" "5428078" "554017" "5591519" "56591533" "5665650" "5663287" "55659153" "56659153" "56659153" "6265037").PN. USPAT 2003/03/18 14:58 "5619952" "5628061" "62690377).PN. USPAT 2003/03/18 14:58 "5815372" "5933712" "5995379" "60605292" "5466634" "5578516").PN. USPAT 2003/03/18 15:00 "5612676" "5482672" "5578516").PN. USPAT 2003/03/18 15:00 "5612676" "54282729" "5466634" "5578516").PN. USPAT 2003/03/18 15:00 "5612676" "5790380"	-	2	("6049123" "6102710").PN.	USPAT	2003/03/18 14:48
- 44 ("3735037" "4271588" "4547834" USPAT 2003/03/18 14:55	-	0			The state of the s
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